

Programming Languages Chapter 13 Discovering Computers

1. What is a third generation programming language?

A third generation programmer uses a series of English-like words to write instructions

2. Give three examples of third generation languages?

ADD, which stands for addition. PRINT, which means to print. * for multiplication.

3. What generation language is assembly?

Assembly language is second generation programming language.

4. What is object oriented programming?

Programming used to implement an object-oriented design.

5. Define three object oriented programming languages:

RAD: a method of developing software, in which a programmer writes and implements a program in segments instead of waiting until the entire program is completed.

Java: an object-oriented programming language developed by Sun Microsystems.

C++: an object-oriented programming language that is an extension of the C programming language, which includes all the elements of the C language plus additional features.

Page 696 Ethics and Issues: Read Is Beta Testing out of Hand?

What is Beta Testing? Would you participate in beta testing software on your pc? Why or why not? Are Software manufacturers being honest about their intentions in their beta testing? If not, in what way? Is it reasonable for software manufacturers to beta test their software for the general public? If so, for how long?

Beta testing is the testing of software by everyday people who test software-in-development on their hardware and review how good, bad, or effective it was. I would not participate in beta

testing software on my PC because there may be a risk of damaging my PC's software. I do think manufacturers are honest about their intentions because they want to sell a successful, fun, and useful product for the public to use.